

Table 10.13 Number of Establishments with Capability to Switch LPG to Alternative Energy Sources, 2006;**Level: National Data;****Row: NAICS Codes;****Column: Energy Sources;****Unit: Establishment Counts.**

		LPG(b)			Alternative Energy Sources(c)						
NAICS Code(a)	Subsector and Industry	Total Consumed(d)	Switchable	Not Switchable	Electricity Receipts(e)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(f)
Total United States											
311	Food	2,920	325	1,945	171	174	25	W	0	0	15
3112	Grain and Oilseed Milling	269	36	152	Q	Q	W	W	0	0	W
311221	Wet Corn Milling	19	W	11	W	W	0	0	0	0	0
31131	Sugar Manufacturing	35	4	24	0	W	0	W	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Foods	325	37	230	Q	Q	5	0	0	0	0
3115	Dairy Products	147	5	106	0	5	0	0	0	0	0
3116	Animal Slaughtering and Processing	352	67	214	Q	27	12	0	0	0	W
312	Beverage and Tobacco Products	790	143	434	139	W	Q	0	0	0	0
3121	Beverages	758	139	408	W	W	Q	0	0	0	0
3122	Tobacco	33	4	26	W	W	0	0	0	0	0
313	Textile Mills	630	53	488	Q	Q	0	0	0	0	0
314	Textile Product Mills	687	157	398	W	117	0	0	0	0	W
315	Apparel	360	W	Q	W	W	0	0	0	0	0
316	Leather and Allied Products	57	W	21	0	W	0	0	0	0	0
321	Wood Products	4,477	629	2,706	233	233	175	Q	W	0	47
321113	Sawmills	534	63	333	29	Q	26	4	W	0	9
3212	Veneer, Plywood, and Engineered Woods	712	103	398	W	18	53	0	0	0	33
3219	Other Wood Products	3,138	457	1,906	196	186	97	W	0	0	W
322	Paper	2,032	236	1,311	140	124	24	W	W	0	0
322110	Pulp Mills	14	W	11	0	W	W	0	0	0	0
322121	Paper Mills, except Newsprint	176	13	130	11	7	4	W	W	0	0
322122	Newsprint Mills	12	W	9	0	W	0	0	0	0	0
322130	Paperboard Mills	123	5	97	4	W	W	W	0	0	0
323	Printing and Related Support	2,177	417	1,208	Q	229	0	0	0	0	0
324	Petroleum and Coal Products	467	89	316	10	51	W	0	0	0	4
324110	Petroleum Refineries	96	37	42	0	34	0	0	0	0	W
324199	Other Petroleum and Coal Products	13	W	7	W	0	0	0	0	0	W
325	Chemicals	2,268	228	1,583	161	Q	Q	0	0	0	4
325110	Petrochemicals	9	0	8	0	0	0	0	0	0	0
325120	Industrial Gases	36	W	34	W	0	0	0	0	0	0
325181	Alkalies and Chlorine	12	0	10	0	0	0	0	0	0	0
325182	Carbon Black	7	0	4	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	194	20	125	Q	3	W	0	0	0	W
325192	Cyclic Crudes and Intermediates	7	0	5	0	0	0	0	0	0	0
325193	Ethyl Alcohol	14	4	11	0	W	0	0	0	0	W
325199	Other Basic Organic Chemicals	177	18	148	10	8	5	0	0	0	W
325211	Plastics Materials and Resins	241	11	149	W	W	Q	0	0	0	0
325212	Synthetic Rubber	36	6	22	6	0	0	0	0	0	0
325222	Noncellulosic Organic Fibers	32	4	21	W	W	0	0	0	0	0
325311	Nitrogenous Fertilizers	23	W	15	W	W	W	0	0	0	0
325312	Phosphatic Fertilizers	11	W	8	0	W	W	0	0	0	0
3254	Pharmaceuticals and Medicines	157	Q	117	Q	0	0	0	0	0	0
325412	Pharmaceutical Preparation	92	4	81	4	0	0	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	31	W	25	W	0	0	0	0	0	0
326	Plastics and Rubber Products	3,474	590	2,151	394	112	Q	W	0	0	W
327	Nonmetallic Mineral Products	3,229	351	2,138	132	124	170	W	0	0	W
327211	Flat Glass	28	7	20	4	3	W	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	98	Q	46	W	Q	W	0	0	0	0
327213	Glass Containers	29	0	27	0	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	300	28	200	14	16	5	W	0	0	W
327310	Cements	36	W	26	W	W	W	0	0	0	0
327410	Lime	27	W	21	0	W	0	0	0	0	0
327420	Gypsum	95	W	79	W	0	0	0	0	0	0
327993	Mineral Wool	93	6	71	3	0	W	0	0	0	0
331	Primary Metals	1,599	163	1,073	70	60	31	Q	0	0	16
331111	Iron and Steel Mills	134	17	89	4	W	9	W	0	0	0
331112	Electrometallurgical Ferroalloy Products	9	W	7	0	0	W	0	0	0	0
3312	Steel Products from Purchased Steel	210	17	172	4	7	4	0	0	0	5
3313	Alumina and Aluminum	194	24	136	13	4	W	0	0	0	W
331314	Secondary Smelting and Alloying of Aluminum	43	4	26	W	0	W	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	30	W	25	0	0	W	0	0	0	0
331316	Aluminum Extruded Products	80	9	60	6	W	W	0	0	0	W
3314	Nonferrous Metals, except Aluminum	263	W	170	Q	W	0	W	0	0	0
3315	Foundries	789	84	498	30	41	10	0	0	0	W

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		Total Consumed(d)	Switchable	Not Switchable	Electricity Receipts(e)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(f)
331511	Iron Foundries	219	21	170	5	9	W	0	0	0	Q
331521	Aluminum Die-Casting Foundries	62	8	47	4	4	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	156	25	85	12	8	0	0	0	0	0
332	Fabricated Metal Products	13,059	1,099	8,478	622	370	Q	0	0	0	Q
333	Machinery	4,894	399	2,649	315	Q	Q	W	0	0	W
334	Computer and Electronic Products	992	132	533	Q	W	0	0	0	0	W
334413	Semiconductors and Related Devices	45	W	40	W	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	965	73	682	W	73	W	0	0	0	0
336	Transportation Equipment	2,754	401	1,736	154	121	127	0	0	0	Q
336111	Automobiles	42	W	30	W	0	W	0	0	0	0
336112	Light Trucks and Utility Vehicles	17	4	10	W	4	0	0	0	0	0
3364	Aerospace Product and Parts	426	12	267	3	0	Q	0	0	0	3
336411	Aircraft	38	5	29	3	0	0	0	0	0	3
337	Furniture and Related Products	3,139	341	2,013	239	Q	Q	W	0	0	W
339	Miscellaneous	3,097	347	1,478	Q	Q	W	W	0	0	0
	Total	54,065	6,242	33,483	3,298	2,052	1,216	215	W	0	559

(a) The Bureau of the Census classifies establishments using the North American Industry Classification System (NAICS).

(b) These counts include only those establishments that reported this activity in 2006.

(c) 'Alternative Energy Sources' consist of those energy sources that could have been substituted for LPG during 2006. The quantities are expressed in thousands of barrels, and therefore represent the quantity of LPG that could have been displaced by the given alternative type of energy.

(d) 'Total Consumed' represents those quantities (Total Inputs) of LPG that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.

(e) 'Electricity Receipts' represents those quantities of electricity generated off the manufacturing establishment site and available at the site for consumption. It includes those quantities for which payment was made, quantities transferred in, quantities purchased and paid for by a central purchasing entity, and quantities for which payment was made in kind. It does not include electricity generated onsite. 'Electricity Receipts' has not been adjusted to account for any quantities that might have been resold or transferred out. The estimates include those quantities that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.

(f) 'Other' includes all other types of energy not already identified that respondents indicated could have been consumed in place of LPG.

NF=No applicable RSE row/column factor.

* Estimate less than 0.5.

W=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because Relative Standard Error is greater than 50 percent.

NA=Not available.

Notes: To obtain the RSE percentage for any table cell, multiply the cell's corresponding RSE column and RSE row factors. Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Office of Energy Markets and End Use, Energy Consumption Division, Form EIA-846, '2006 Manufacturing Energy Consumption Survey.'